

AMENDMENT TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Please amend the claims as follows:

1-18. (Canceled)

19. (Previously presented) A rapid dissolving reinforcing filler composition for organic systems comprising a reinforcing amount of surface-modified, aerosol doped-pyrogenically produced oxides wherein the dopant is aluminum or salts or oxides thereof, wherein the pyrogenically produced oxide is SiO₂ and wherein the surface modification is a hydrophobic surface obtained by spraying the pyrogenic oxides, having a BET surface between 40 and 217 m²/g and dopant homogeneously distributed within the pyrogenically produced oxide, with one or several compounds selected from the group consisting of octyltrimethoxysilane (Si 108), hexamethyldisilazane (HMDS), polydimethylsiloxane (PDMS) and γ -aminopropyltriethoxysilane (AMEO).

20. (Previously presented) A method of producing aerosol doped, surface-modified pyrogenically produced oxides, comprising placing aerosol doped-pyrogenically produced oxides, having a BET surface is between 40 and 217 m²/g and dopant homogeneously distributed within the pyrogenically produced oxide, in a suitable mixing container, spraying the oxides with water and/or acid and then spraying the oxides under intensive mixing with the surface-modification reagent or a mixture of several surface-modification reagents under conditions where oxygen is excluded, to form the aerosol doped, surface-modified, pyrogenically produced oxides, wherein the dopant is aluminum, or salts or oxides thereof, wherein the oxide is SiO₂, and wherein the surface modification reagent or a mixture of several surface-modification reagents are selected from the group consisting of octyltrimethoxysilane (Si 108), hexamethyldisilazane (HMDS), polydimethylsiloxane (PDMS) and γ -aminopropyltriethoxysilane (AMEO).